M150HB (high brightness) 15″ LCD Touch Monitor

Product Highlights

- 550-nit LCD display, 500-nit brightness value with touch screen
- 500:1 Contrast Ratio
- Peripheral Attachment System
- Locking adjustment angle
- Locking OSD controls
- 3-year warranty

Enhanced Video Performance

The MicroTouch™ M150HB 15" LCD Touch Monitor delivers enhanced display performance in a built-for-touch form factor. With 500-nit brightness and a 500:1 contrast ratio, this touch screen monitor is ideal for a multitude of applications, and excels in high ambient light environments where standard display panels could “wash-out” or look dim. The enhanced brightness and contrast also help produce more vivid, distinct colors – giving graphics and color intensive applications ideal visual appeal.

The M150HB monitor offers maximum touch stability and installation flexibility with the added benefit of enhanced LCD display performance. Potential applications for the M150HB include POS stations situated near windows, shaded outdoor applications in retail and hospitality, and anywhere high ambient light conditions could diminish perceived display quality.*

Making the Difference

Available with USB connectivity, the MicroTouch™ M150HB LCD monitor is offered with MicroTouch™ ClearTek™ II capacitive touch technology. ClearTek™ II touch screens, combined with the solid foundation of MicroTouch™ EX II electronics and robust MicroTouch™ software offer high endurance solutions for a multitude of touch applications where exceptional performance, vibrant optics and environmental robustness is mission critical, 24/7.

**The M150HB is not intended for use or readability in direct sunlight.*

MicroTouch™ M150HB 15″ LCD Touch Monitor

Functional Features

15" LCD

LCD Technology	TFT, Active matrix
Display Colors	16M
Pixel Pitch	.297 mm
Brightness without touch screen	550 cd/m² typical
Brightness with touch screen (max.)[1]	500 cd/m² typical
Contrast Ratio	500:1
Response Time	12 ms typical
Viewing Angle (from center)	Horizontal: 140 degrees total typical Vertical: 120 degrees total typical
Front Panel Buttons	Menu, select, adjust, power
On-screen Display Controls	Brightness, contrast, horizontal/vertical position, clock, phase, auto phase, color. Built-in OSD lock-out feature.
Maximum Resolution	1024 x 768
Operating Environment	Operating temperature: 0 to 40 degrees C relative humidity, non-condensing 85%
Storage Environment	-20 to +60 degrees C

Physical Features

Physical Dimensions (WxHxD) (Depth includes base)	408 x 398.3 x 258.7 mm 16.1 x 15.7 x 10.2 inches
Display Area (WxH)	304.1 x 228.1 mm, 12 x 9 inches
Video Cable Connector	15-pin D-sub
Power Supply	12V DC power supply
Power Savings[2]	DPMS, VESA compliant
Power Consumption	<35W, normal operation
Backlight Life	50,000 hrs. typical
Weight (Net)	7.4 kg/16.3 lbs.
Agency Approvals	FCC B, CE, UL/cUL, C-Tick, VCCI, CCC
Mounting Options	VESA mounting compatible, 75mm
Multimedia	Stereo speakers, microphone, volume, line-in
Color Option	Black
Controller Option	USB
Warranty	3 Years
Part Numbers	11-81376-225, with monitor stand 11-81336-225, without monitor stand (for arm mounting)

Key hole pattern in base allows bolt-down mounting.

Peripheral Attachment System allows use of multiple peripheral devices.

11-81376-225 11-81336-225

(Arm courtesy of Ergotron)

(1) Brightness measured using MicroTouch ClearTek™ II Capacitive
(2) DPMS: Display power management signaling for reduced power consumption during non-use.

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